

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Hiroki TAKEUCHI et al. ) Confirmation No.: 2484  
)  
Application No.: 10/024,581 ) Group Art Unit: 1775  
)  
Filed: December 21, 2001 ) Examiner: C. Lam  
)  
For: WIRING BOARD )

U.S. Patent and Trademark Office  
2011 South Clark Place  
**Customer Window, Mail Stop Amendment**  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

**SUBMISSION OF REPLACEMENT SHEETS OF DRAWINGS**

Applicants respectfully request approval of the attached 25 replacement sheets of formal drawings containing Figs. 1-25. The replacement sheets of formal drawings replace the nine (9) sheets of drawings filed in the application on March 11, 2002. The replacement sheets of formal drawings are submitted in response to the Office Action dated July 29, 2004, which alleged that "the black ink is too dark in some of the drawings."

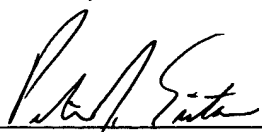
Applicant respectfully submits that these drawings introduce no new matter as they conform to the specification and the drawings as originally filed, pursuant to 37 C.F.R. §§1.81(d).

Respectfully submitted,

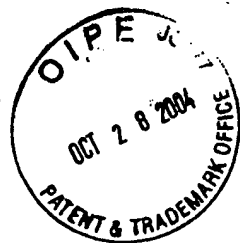
**MORGAN, LEWIS & BOCKIUS LLP**

Date: October 28, 2004

By:

  
Peter J. Sistare  
Reg. No. 48,183

**CUSTOMER NO. 009629**  
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AF/1775  
JW/A

Response under 37 C.F.R. 1.116  
Expedited Procedure  
Examining Group 1700  
PATENT

ATTORNEY DOCKET NO.: 046103-5008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hiroki TAKEUCHI et al.

Application No.: 10/024,581

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Examiner: C. Lam

Commissioner for Patents  
U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Mail Stop AF  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

**AMENDMENT UNDER 37 C.F.R. § 1.116 TRANSMITTAL FORM**

- Transmitted herewith is an Amendment in response to the Office Action dated July 29, 2004.
- Additional papers enclosed:

- ☒ Submission of Replacement Sheets of Drawings (25 sheets; 25 total figures)
- ☒ Terminal Disclaimer
- ☐ Information Disclosure Statement
- ☐ Form PTO-1449, \_\_\_\_\_ references included
- ☐ Citations
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.

3. Extension of Time

The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136(a) apply.

- ☒ Applicants believe that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicants have inadvertently overlooked the need for a petition and fee for extension of time.
- ☐ Applicants petition for an extension of time, the fees for which are set out in 37 C.F.R. § 1.17(a), for the total number of months checked below:

<u>Total Months Requested</u>	<u>Fee for Extension</u>	<u>[Fee for Small Entity]</u>
<input type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 430.00	\$ 215.00
<input type="checkbox"/> three months	\$ 980.00	\$ 490.00
<input type="checkbox"/> four months	\$ 1,530.00	\$ 765.00

Extension of time fee due with this request: \$ 0.00.

If an additional extension of time is required, please consider this a Petition therefor.

- ☐ An extension for \_\_\_\_\_ months has already been secured and the fee paid therefor of \$\_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

4. Constructive Petition

- ☒ EXCEPT for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§ 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account 50-0310. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

5. Fee Calculation (37 C.F.R. §1.16)

CLAIMS AS AMENDED						
	Claims Remaining After Amendment		Highest No. Previously Paid	Present Extra	at Rate of	Total Fees
Total Claims (37 C.F.R. §1.16(c))	8	minus	20	0	x \$18 each=	+ \$ 0.00
Independent Claims (37 C.F.R. §1.16(b))	1	minus	3	0	x \$88 each=	+ \$ 0.00
[ ] First presentation of Multiple dependent claim(s)					\$300.00	+ \$ 0.00
SUB-TOTAL =						\$ 0.00
Reduction by ½ for filing by a small entity						- \$ 0.00
TOTAL FEE =						\$ 0.00

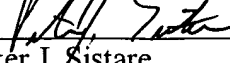
6. Fee Payment

- ☐ No fee is to be paid at this time.
- ☒ The Commissioner is hereby authorized to charge **\$ 110.00** for the Terminal Disclaimer fee due to Deposit Account No. 50-0310.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, including fees due under 37 C.F.R. §§ 1.16 and 1.17, or credit any overpayment to Deposit Account 50-0310.

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**

Dated: October 28, 2004

By:   
Peter J. Sistare  
Reg. No. 48,183

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